

HOUSE CONSTRUCTION ENTIRELY MADE WITH OUR LATHING.

THE first settlers of this country availed themselves of the handiest material, and, with the abundance of wood, built wood houses. Subsequently brick and stone were added, in many cases, as an outside shell, but no change in interior construction was made. Hence, as now planned, the rule is to erect walls in the shape of a flue and then fill it with the most combustible material known. Every one who retires to rest in one of these houses, as is too often demonstrated, does so at the risk of life. The combination of seasoned timber and inflammable paint, added to the more recent elevator shaft, requires but a few moments of exposure to flame, before complete annihilation is a thing assured.

The popular impression is that the construction of a fire-proof house involves the use of iron and terra cotta material the cost of which, except in rare instances, is a prohibition.

The purpose of this pamphlet is to demonstrate that no such obligation is entailed, and that a house, practically incombustible, can be put up at a cost not any greater than an ordinary frame, and cheaper than if brick or stone be used.

It is not to discuss styles further than to illustrate that the human mind runs unconsciously in channels, and, notwithstanding a multitude of arguments appealing alike to the eye and to the understanding, it is difficult to shake it out. In order intelligently to reach a conclusion as to the expediency of a reform in house construction, it is necessary first to briefly state the essentials requisite to a perfect house.

First. It should be warm in winter and cool in summer.

Second. Free from dampness.

Third. Durable and requiring minimum of repairs.

Fourth. Slightly in appearance.

Lastly and most important, it should be fireproof.

We propose to show that all the considerations noted may be realised by a bold abandonment of past mistakes, and to be able to fully appreciate the force of the suggestions made, it is necessary for our readers to throw off all influences of habit, to reason the matter out, and make a decision in favour of the adoption of the new, undisturbed by superstition or tradition that may appeal for the old.

Our system does away with the use of brick or stone except for foundations and chimneys.

We only use timber or (in exceptional cases), iron for framing for all superstructure.

The foundations being of brick or stone, an ordinary frame may be raised above it, with a roof according to one's desire. Upon the outside of the studding, instead of weather boarding our material called "Expanded Metal," is fastened by strong staples enveloping the exterior with a covering of steel,

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

which, aside from its other uses, makes a complete brace. The illustration previously given conveys a correct idea of the form, but not of the increased strength given by the process. It is supplied in strips nine feet long, or any multiple of the distance from centres of studding, the usual being eighteen inches. The width of a strip is eighteen or nineteen inches.

The use of our "Expanded Metal" provide for the first time in the annals of building a reliable material for the use of cement for exterior construction. Applied by a skilful plasterer, guided by details from an architect, this may be shaped or formed to imitate any architectural feature, whether the massiveness of the Grecian or the lighter and more graceful Gothic. The cement being forced through the interstices of the metal creates practically a continuous sheet of artificial stone. We will not dwell upon the variety of detail that the use of this method permits, but leave it to the fancy of the architect to create caps, bases, mouldings, and fluted columns without limit. The interior of the building may be plastered on our lath in the usual way, and it will not require much argument to convince the owner that the slight extra cost of steel will be amply compensated by the resulting advantages. With his wood frame covered outside and inside by steel, imbedded in cement and plaster, his studding sixteen or eighteen inches apart, will readily be seen that he has a fire-proof house; his ceilings will stand several hours of the hottest exposure, as has been shown in numerous tests—vide Messrs. Bastow and Ballenger's testimonials. The steel netting through its peculiar shape yields to expansion and contraction without cracking of walls, and the frescoers or paper decorators may show their skill without danger of destruction from this cause.

MORTAR AS A NON-CONDUCTOR OF HEAT.

It is a fact well known to underwriters that mortar, and more particularly that with cement as a constituent, is the best non-conductor in use. If a plastered surface can be held in place, it is a practical impossibility for fire to penetrate through it; but unfortunately all the admirable qualities of the material are lost because usually spread over wood lath as a holding device. These, under the artificial heat of a room, become so dry as not only to defeat the purpose, but actually afford material for the spread of flames. Aside from this objection, wood lath expand and contract with the changes in humidity of the atmosphere, causing destructive cracks impossible to avoid. They mar the plastering by the exudation of wood acids which paint the surface with striped discolorations extremely destructive of beauty. If one reflect seriously on the absurdity of continuing the use of the very worst possible thing for a purpose, it would not be difficult to introduce a substitute which answers all requirements. The fact that it is done but demonstrates the force of habit. An architect specifies wood lath because he has always used wood lath. So far as fire-proof qualities are concerned, an architect erects a house (which presumably he does not wish to burn), and the entire interior of which he covers with the very thing to make it burn. It is like a man locking all his portable valuables in a burglar-proof safe and then handing the key to a burglar. A house built on our new principle is one which cannot be destroyed by fire. It admits no chilling drafts. The air space between studding is an effectual guard against heat, cold, or dampness. It is crack proof, rat proof, and decay proof.

Whilst it is almost impossible to prevent Fires or to construct buildings that are absolutely Fireproof unless at an enormous expense, it has been demonstrated that in buildings where Steel Metal Fireproof Lathing has been used, it has, in a very great measure, Prevented the Spread of Fire.

The cost of applying is less than that of Wooden Laths.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

To exemplify what we say in regard to Cottage Building with Expanded Steel Fireproof Metal, we would mention that in the short time our material has been before the public the following buildings have been erected entirely by our material herein before described :—

State School, Footscray,

Mr. E. A. Jansen's House, Cowes,

Lodge at East Malvern Recreation Reserve.

Mr. Henty Wilson's House, Cowes,

Company's Offices: Capel Street, North Melbourne.

Mr. T. King's House, Brisbane.

READ WHAT MR. JANSEN HAS TO SAY:—

Cowes, Phillip Island,

October 13, 1891.

Expanded Metal Company,

CAPEL STREET, NORTH MELBOURNE.

Gentlemen,—I beg to inform you that some time ago I built a house that I am now living in, entirely with your excellent material, and I have much pleasure in recommending the material for any one wishing to build a good, cool and cheap house.

I built my house upon a brick foundation, and your lathing was stapled on the inside and outside of the uprights, the inside was plastered, and the outside cemented.

My house has been standing for nearly two years, and gives me every satisfaction. The cost was much less than the same house would have been in wood or brickwork.

Yours truly,

E. A. JANSEN.

READ WHAT MR. WILSON HAS TO SAY:—

Richmond Hill,

Richmond, April 2, 1892.

Expanded Metal Company,

CAPEL STREET, NORTH MELBOURNE.

Sirs,—Re your letter of the 30th March, I beg to inform you that the house erected last year at Cowes by Mr. Pitt, Architect, was built entirely of your Expanded Metal Fireproof Lathing, stapled on to the wooden framework. The exterior of the building was covered in cement, and the inside plastered in the ordinary way. My house is standing very well, and I see no reason whatever to doubt the stability of your material.

Yours faithfully,

H. HENTY WILSON.

READ EXTRACT FROM A LONDON PAPER:—

"In the description of the construction of the Lighthouse, it should have been stated that the outside covering is of cement upon a steel lathing known as Expanded Metal Lathing, recently introduced into England by J. F. Golding, and made by the British Metal Expansion Company of West Hartlepool.

A Caisson for submarine foundations is also shown made of cement upon an expanded metal foundation."

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

READ

What practical men with experience think of "Expanded Metal Fireproof Lathing." These are Architects, Contractors and Plasterers in the Building Trades, that entitle their opinion to great weight.

DEPARTMENT OF PUBLIC WORKS, VICTORIA,

Melbourne, 15th July, 1891.

Dear Sir,

In reply to your letter of the 3rd inst., I have great pleasure in saying that the test of your Expanded Metal Lathing, at which I was present in April last, interested me very much. It was certainly a very severe fire test, and gave convincing proof of the fire-resisting properties of your Patent Lathing, which I should think must come more extensively into use for many purposes.

I am, Dear Sir,

Yours very truly,

To Secretary,

Expanded Metal Co. Ltd.

HY. R. BASTOW,

Sen. Architect.

11th February, 1890.

June 26th, 1891.

The Expanded Metal Co. Limited.

Dear Sir—Having witnessed a crucial test of the fire-resisting quality of your Company's Lathing, I do not hesitate to recommend its use instead of wood lathing. The introduction of your Steel Lathing would unquestionably minimise the destruction of property by fire.

JOHN R. BALLENGER,

Supt. Carlton Brewery Fire Brigade.

Member Met. Fire Board.

The Expanded Metal Company Limited.

CAPEL STREET, NORTH MELBOURNE.

Dear Sir—The Expanded Metal used by me for lathing purposes has given the utmost satisfaction. It is now nearly three years since I first adopted its use, so that it has had a sufficient trial. So pleased am I with the result that in all my important works I will use the Metal in preference to the ordinary laths, there being no comparison between the two materials. One great advantage is that there is not the slightest sign of any cracks in the plaster, which is seldom the case with ordinary lathed ceiling.

Yours respectfully,

WILLIAM PITT, F.R.I.V.A.,

Architect, Collins Street.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.

The City Chambers,
Cr. Elizabeth & Little Collins Sts.,
Melbourne, 23rd August, 1890.

The Expanded Metal Co. Limited.

Dear Sir—We have used the Expanded Metal Lathing with great success for casing and plastering girders, lining ceilings and outside wall, and we found the work stand without cracking. Last year we erected a Lodge, and covered the external walls with the Expanded Metal Lathing, which was rough casted in the old English style, and was greatly admired as outside work.

Yours truly,

CROUCH & WILSON,
Architects.

Melbourne, 30th July, 1890.

The Expanded Metal Co. Limited,
CAPEL STREET, NORTH MELBOURNE.

Gentlemen—I have great pleasure in certifying to the excellence of your Steel Lathing for interior work of buildings, both in ceilings and partitions. It is, in my opinion, when properly covered with plaster, practically fire proof, and for this reason ought to be generally introduced. I have also used the coarse mesh for fencing with good effect, and there are many cases in which the material could be used with advantage.

I am, yours truly,

CHARLES A. DEBRO,
Architect,
90 William-st., Melbourne.

Melbourne, July 25th, 1890.

The Expanded Metal Co. Limited,
CAPEL STREET, NORTH MELBOURNE.

Sir—I have used your Expanded Fireproof Metal for lathing purposes at the residence of Dr. Rankin, at St. Kilda, and it gave me every satisfaction.

Yours faithfully,

R. SPEIGHT, JUNR., Architect,
271 Collins-st., Melbourne.

February 14th, 1890.

The Expanded Metal Company.

Dear Sir—We have used your Metal Lathing on some extensive work, and find it entirely satisfactory.

Yours truly,

TAPPIN, GILBERT & DENNY,
Architects,
431 Chancery Lane, Melbourne.

August 8th, 1890.

The Expanded Metal Co. Limited,
CAPEL STREET, NORTH MELBOURNE.

Gentlemen—With reference to your note of yesterday re our opinion of your Expanded Metal Lathing, we beg to state that having used a considerable quantity, we can with confidence recommend it to anyone desirous of having their walls and ceilings free of cracks. In our opinion, when properly covered with plaster, it is fire-proof.

Yours truly,

COMELY & GWILLAM,
Contractors,
Premier Buildings, Collins-st.

Melbourne, August 8th, 1890.

The Expanded Metal Company,
CAPEL STREET, NORTH MELBOURNE.

Dear Sir—In reference to your memo. of the 6th inst., enquiring for my opinion, of Expanded Metal Lathing, I beg to state that I have used about 4000 (four thousand) yards, and I think it excellent and durable for ceilings, as it forms a very good key, and as yet I have not perceived any cracks or any defects in it throughout any of the buildings that it is in, and I should think it would take the place of laths in the future.

Yours, etc.,

C. WADEY,
Contractor.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

St. Kilda, February 13th, 1890.

The Expanded Metal Company.

Dear Sir—In reply to your enquiry as to your Expanded Metal Lathing, we beg to state that we have found it give entire satisfaction to all those in whose buildings we have used it in. We might mention that we used it in the construction of the St. Kilda Town Hall, and in conclusion, we shall always be pleased to recommend it where we can.

I am, dear Sir,

Yours truly,

CLARK & SMITH,

Contractors.

355 Cardigan Street, Carlton.

30th July, 1890.

The Expanded Metal Co. Limited.

Gentlemen—With great pleasure we highly recommend your Metal Lathing, having used a considerable quantity, we find that it excels in many ways the old system of wood lathing. We may mention that we were present at a very severe test you gave your Lathing in resisting fire, and in our opinion the use of your fire-proof lathing would most assuredly locate the fire, and thus minimise the losses the insurance companies are now contending with. Trusting that it will obtain complete success.

We remain, yours truly,

JAMES MCGOWAN & SONS,

Master Plasterers.

North Carlton, 4th August, 1890.

The Expanded Metal Company.

Dear Sir—In answer to your letter asking me for my opinion of your Expanded Metal Lathing, I beg to state that after having used some quantity of it, I can thoroughly recommend it for general plastering, and more especially for ceilings. It gives a firm key, and is both durable and fire-proof.

I remain, dear Sir,

Yours. &c.,

W. INNES, Master Plasterer.

O'Connell Street, North Melbourne,

April 22nd, 1892.

The Expanded Metal Company.

Dear Sir—Re your enquiry, we beg to say that we have used a fair quantity of your Metal Lathing, and from experience can say that it makes a much better job than is the case when wooden laths are used. Your material, in our opinion, will in the future be used in all buildings requiring a good job, and at the same time one that is fireproof.

Yours truly,

T. COCKRAM & SON.

Contractors.

64 Bennett Street, North Fitzroy,

April 5th, 1892.

The Expanded Metal Company,

NORTH MELBOURNE.

Dear Sir—Having used between five and six thousand yards of your Fireproof Lathing, and having found it admirable, we can with confidence recommend it for partitions and ceilings.

Yours truly,

HODGES BROTHERS,

Master Plasterers.

North Carlton,

April 22nd, 1892.

Expanded Metal Company,

CAPEL STREET, NORTH MELBOURNE.

Dear Sirs—Having used a considerable quantity of your Fireproof Metal Lathing for ceilings and protecting girders, we can with confidence recommend the use of your excellent material. We feel confident that your Lathing is quickly superceding the use of the ordinary inflammable wooden lath.

Yours truly,

COOK BROTHERS,

Master Plasterers.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

Melbourne Chambers, 89 Pitt Street,
14th April, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

I have used the Expanded Metal Lathing in several buildings with satisfactory results, the statements made as to its efficacy being, in my opinion, fully confirmed.

Yours faithfully,

HERBERT S. THOMPSON,
Architect.

Sydney, April 12th, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

Sirs—I have very much pleasure in stating that I have used the Expanded Metal Lathing, and I find that when properly fixed, it is, without doubt, the best material for lathing purposes.

I am, yours faithfully,

JAMES BARNET, JR., Architect.

Tempe Park,

St. Peter's, 12th April, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

Dear Sirs—We beg to inform you that we have used your Expanded Lathing on a building we have been repairing, caused by the wooden lathing being eaten through by white ants. The old ceilings with their elaborate cornices had to be removed at a cost of many hundred pounds. Your Metal Lathing in this case will prove infallible, and we may add that our men were able to make first-class work on it. The work has been finished for months and shows no signs of cracks, which is a general fault with wood lathing.

Yours faithfully,

MURRAY & STUART,
Contractors

North Sydney,

April 9th, 1892.

THE AGENTS,

The Expanded Metal Co. Limited.

Gentlemen—Having used the Expanded Metal Lathing at the Garrick Theatre and Stamp Duties Office, we find it far superior to the wood lathing, as it prevents ceilings from cracking, and is easily fixed, and, above all, is fire-proof.

Yours truly,

BROWN & TAPSON,
Contractors.

New Lands Office, Bent Street,
Sydney, 7th April, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

Gentlemen—With reference to your request, we beg to say that we have used the Expanded Metal Lathing very extensively, and are pleased to be able to state that it has given entire satisfaction. Notwithstanding that our work for the Government of New South Wales is subjected to the most rigid inspection, no complaint has ever been made about the Expanded Metal Lathing, and we consider its use to be in the highest degree economical, both as regards labour required in fixing, durability and price.

Yours faithfully,

DAVID JONES & CO., Contractors,
New Lands Offices, Sydney.

Sydney, 11th April, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

Dear Sirs—In reply to your enquiry, I have much pleasure in stating that I have used the Expanded Metal Lathing in the Swiss Chalet which I erected at Government House, for walls and ceilings. It is certainly much superior to wooden laths, as it does not shrink and crack the plaster; it is also more durable and fireproof.

Yours truly,

D. M. MCINTYRE,
Contractor.

Sydney, April 21st, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

Dear Sirs—Having used your Expanded Metal Lathing in a number of my contracts, I can with confidence recommend it, as it has always given entire satisfaction.

Yours very truly,

G. P. JONES,
Builder and Contractor.

Sydney,

April 11th, 1892.

THE AGENTS,

The Expanded Metal Co. Limited, Sydney.

Dear Sirs—I have used the Expanded Metal Lathing on several first-class jobs in and around Sydney, and from experience can say it makes a first-class job. I can safely recommend it, and will do so wherever an opportunity occurs.

Yours faithfully,

H. AINSWORTH, Master Plasterer.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

The **proof** of the foregoing **Testimonials** is that our **Lathing** has been, and will be used in **many places**, among which are the **following buildings**:-

IN VICTORIA.

PRINCESS THEATRE
PEOPLE'S COFFEE PALACE
ST. KILDA TOWN HALL
FOY AND GIBSON'S
NATIONAL MUTUAL LIFE ASSOCIATION
MR. GLEN'S NEW RESIDENCE
AUSTRALIAN CLUB
TRAINING INSTITUTE
THE EQUITABLE LIFE ASSURANCE COY.'S OFFICES

ARGUS OFFICE
GOVERNMENT SAVINGS BANK
ATHENAEUM CLUB
MR. McLAUGHAN'S NEW BUILDINGS
BIJOU THEATRE
STATE SCHOOL, FOOTSCRAY
BANK OF AUSTRALASIA, CASTLEMAINE
BOYS' REFORMATORY, ROYAL PARK

Ac., &c., &c.

IN NEW SOUTH WALES.

PUBLIC WORKS, NEW OFFICES
TECHNICAL COLLEGE, ULTING
"ORMOND HOUSE," PADDINGTON
SAYWELL'S COTTAGES, LADY ROBINSON'S BEACH
TATTERSALL'S HOTEL, PITT STREET
WALKER HOSPITAL, CONCORD
AUSTRALIAN JOINT STOCK BANK, DARLING POINT
POST OFFICE, NORTH SYDNEY
POST OFFICE, KOGARAH
NEW LANDS OFFICE
NEW POLICE COURTS, LIVERPOOL STREET
POST OFFICE, BURWOOD
CARRARA, ROSE BAY

GARRICK THEATRE
NEW STAMPS OFFICE, PHILLIP STREET
THE UNIVERSITY
WHITEHORSE HOTEL
GOVERNMENT HOUSE, SUTTON FOREST
MUTUAL LIFE ASSOCIATION BUILDINGS, GEORGE ST.
PARLIAMENT HOUSE
"SWISS" CHALET, GOVERNMENT HOUSE
PRIVATE RESIDENCE, BOWRAL
TATTERSALL'S CLUB, PITT STREET
PALING'S NEW BUILDINGS, GEORGE STREET
PRIVATE RESIDENCE, ELIZABETH BAY ROAD
AND NUMEROUS PRIVATE RESIDENCES, &c., &c.

IN QUEENSLAND.

RESIDENCE OF COLLECTOR OF CUSTOMS
QUEENSLAND TREASURY BUILDINGS
TELEGRAPH NEWSPAPER COY.'S OFFICE

EDWARD'S BUILDINGS
HER MAJESTY'S GAOL, TOWNSVILLE

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.



The above is an illustration of a Delivery Wagon shewing the sides made with Expanded Metal. A cart made thus is besides being extremely **light**, very **strong**. We can supply our $\frac{1}{4}$ inch mesh in panels 8 ft. long by 41 inches wide. 4s. 6d. per panel.

A WORD ABOUT WIRE.

We have nothing at present so fine that we can be said to compete with wire goods of the finest grades, such as are used for flour sieves, fly screens, &c. We insist, however, that the character of the goods, and the conditions surrounding the two industries, are so totally different that no competition can exist on any grade.

True, there is a similarity in appearance, but there it ends. Wire is **loose** wherever the **strands** meet, and consequently liable to **misplacement**. If a **strand** is **cut**, every **mesh** touched by it is **weakened**, and the **broken ends** may be pulled out, or more frequently drop by gravitation. It presents its greatest surface as an obstruction to the light, and, finally, each wire, being independent, must in the weaving process be fastened at both ends, which is an element of weakness.

Expanded Metal presents its smallest surface as an obstruction to light, and its largest in the line of resistance to any pressure. **Each mesh** is **independent** of all others, and **numerous strands** may be cut without **materially weakening** the sheet. It is **impossible to unravel it**, as all joints are **solid** at points of intersection.

As to **manufacturing processes**, wire goods are made by hand with indefinite guides, so that notwithstanding the **greatest care**, meshes of all **sizes** and **shapes** meet the eye.

The hand has no part in making **Expanded Metal**, further than to direct the raw material into an obedient machine, which, while **untiring**, makes no mistakes.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

INSURE WITH THE NEW ZEALAND ACCIDENT INSURANCE COMPANY.

(ESTABLISHED 1879).

Head Office - - AUCKLAND, N.Z.

HAS RETURNED IN CASH TO ITS POLICY-HOLDERS FOR

Non-Fatal Accidents	£61,959
Fatal Accidents	£12,906
£2,129	In Bonuses

SAFETY IS SECURED by Unlimited Liability of Shareholders.

Authorised Capital	£100,000
Subscribed	£20,000
Reserve Funds	£10,000

It is the Oldest and Premier Colonial Accident Insurance Co. Organised throughout Australasia

ACCIDENTS OF ALL KINDS INSURED AGAINST. INSURANCE UNDER THE
EMPLOYERS' LIABILITY ACT A SPECIAL FEATURE.

Chief Office for Victoria - - PRELL'S BUILDINGS, 34 QUEEN STREET.

ALEX. REID, Manager.

MELBOURNE AND GEELONG WOOL, GRAIN AND PRODUCE MARKETS.

DALGETY & CO., LTD.

WOOL & PRODUCE BROKERS, STOCK & STATION AGENTS,

Capital Fully Subscribed	£4,000,000
Capital Paid-up	£2,000,000
Reserve Fund	£130,000

BRANCHES:

Melbourne, Geelong, Sydney, Newcastle, Rockhampton, Perth, Fremantle, Albany, Dunedin, Christchurch, Napier and London.

REGULAR AUCTION SALES

In Melbourne and Geelong of WOOL, GRAIN and PRODUCE of all Descriptions.

LIBERAL CASH ADVANCES on most favourable terms on the ensuing clip of WOOL, GRAIN, and STATION PRODUCE, for Sale in Melbourne, or Shipment to London.

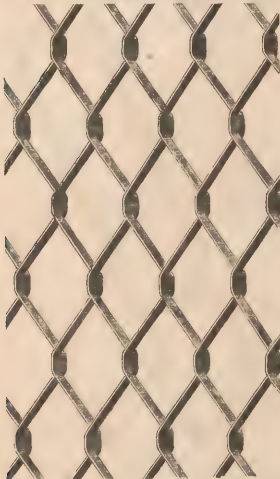
No Cartage on any Produce sent by Rail to Melbourne, and only one handling, owing to our having a Private Railway Siding.

ONE MONTH'S FREE STORAGE allowed in Melbourne on Grain.

DALGETY & CO., Limited, act strictly as Brokers or Agents, and do not buy or sell on their own account

Office and Salerooms--461-471 BOURKE-ST., MELBOURNE.
Warehouses--NEWMARKET.

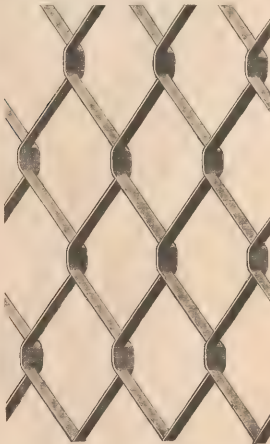
OUR 1½ inch EXPANDED METAL MESH.



Made in Panels 3 feet long x 41 inches wide - 4/6 per panel.

Suitable for Fencing, Trellising, Encasing Lifts, Shafts, &c. The above painted green, per panel, 6d. extra,
or galvanised, 1s. 6d. per panel extra.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased
to mail Samples upon application.

OUR 2 $\frac{1}{2}$ inch EXPANDED METAL MESH,

Made in Panels 9 feet long x 41 inches wide - 26 per panel.

Suitable for Fencing, Trellising, &c. The above painted green, per panel, 6d. extra,
or galvanised, 1s. 6d. per panel extra.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.

(²) FENCING. (¹)



The fence question is so intimately associated with the appearance of the premises that it would not be out of place to give some space to its discussion. The various wood fences, whether made of planks or pickets, are so unsightly and so offensive to good taste as to lead to a general revolt, and people have of late been making an effort to do without any division fence at all. The absence of it has been accepted by many undesirable intruders as an invitation to walk without restraint over grass and beds, greatly to their damage. The desire for privacy and for the sole possession of that which costs money to acquire and maintain is creating a heavy demand for fencing of such a character as to be lasting, handsome, cheap and as near invisible as possible. At this juncture comes the invention of the fence made of Expanded Metal in large meshes, and correspondingly heavy in weight, of steel. It meets all requirements. In weight, strength and appearance it is the equal of the expensive cast and wrought iron fences.

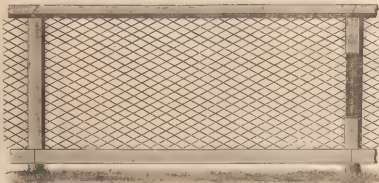
We furnish our fencing mounted in wood or iron frames, and in various styles as shown in the following pages. The height of our fencing is usually 3ft. 6in., but customers may have any height they require at a very little extra cost on the quotations given to each style of fence.

Our fencing may be had in either 1½ or 2½ in. mesh.

Our fencing has been sold and shipped to all parts of the Australasian Colonies, and in no single instance has a word of dissatisfaction been heard.

Apart from other considerations the purchase of our fencing is an investment that enhances the value of a property many times the cost by beautifying the grounds, instead of as in the case of most other inexpensive fences, creating an eyesore, notwithstanding how tastefully and artistically the surroundings may be laid out.

We invite the nearest investigation into the merits of our Manufactures and will be pleased to mail samples upon application.

OUR NEW "A" FENCE.

This Cut illustrates a fence suitable for enclosing Acro Property adapted for a neat and inexpensive yard fence.

The above illustration shows a sheet of our Expanded Metal mesh stapled on to two Red Gum Posts, 4 x 3, with a strip of wood, 4 x 2, running along the top, and another strip, 4 x 1, along the bottom. The joints of the sheets on the posts, as in above illustration, are covered with a thin strip of wood, which gives a very neat and simple finish.

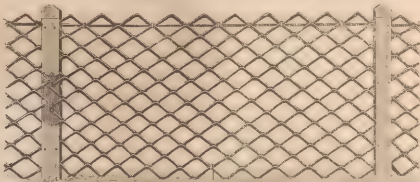
We can supply our Fences in 1½ and 2½ mesh. Prices per lineal foot, including Posts, top and bottom rail painted, and ready for erecting.—

2. inch mesh, per lineal foot

1/6

1½ inch mesh, per lineal foot

1/9

OUR NEW "B" FENCE.

To show us doing something more showy than our "A" Fence we offer this "B". The fence is made of two sheets of two red gum posts, 4 x 3, with an iron rod along the top. The sheets are fastened to the posts, then a thin strip of wood run along the joints as in above illustration. We also furnish an iron anchor stake to secure the bottom of the sheet to the ground.

We can supply the above in either 1½ or 2½ mesh. Prices per lineal foot, including painting and ready for being erected

2. mesh, per lineal foot

1/6

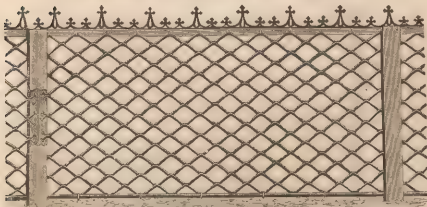
1½ mesh, per lineal foot

2/-

at galvanneal, per panel extra, 1s. 6d

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

OUR NEW "C" FENCE.

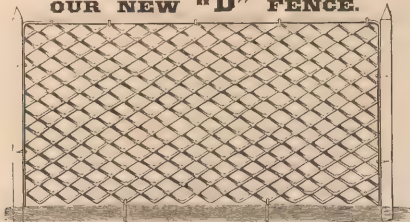


Still another of our Fences, and this time one that meets the wants of many requiring a better Fence than either 'A' or 'B'. The framework of this consists of 4 x 3 red gum posts, with a 2 x 4 rail along the top, and an iron rod securing the bottom of the sheet, as in above illustration. We also have cast iron pickets to be fastened in top rail at a small additional cost. Price, per lineal foot, painted and finished for putting into the ground,

2 1/2 mesh	2-	1 1/2 mesh	23
The iron resting on the "C" fence is extra and may be had at 3d per inch high per running foot, thus a foot of casting 3 inches high cost 1/2d. 1/2d. per running foot. To be, however, to find their own timber are on earth, our several notes in panels.			
1 1/2 inch mesh, 3 ft. long x 41 inches wide at 46 per panel.			
2 1/2 " " 8 ft. long x 41 " " 3/6 "			
2 1/2 " " 8 ft. long x 24 " " 3/6 "			

And any of the above painted Green for 6d. extra per panel, or galvanised 1s 6d per panel extra.

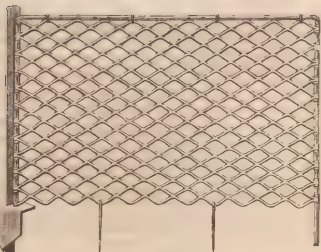
OUR NEW "D" FENCE.



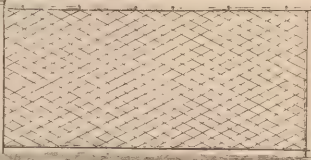
LIGHT NON-DIVISION FENCE.

Wood posts, 3 in. by 2 1/2 in. cft. 6 in. long; wrought iron top and side rail, in one piece.
2 1/2 inch mesh, 3 ft. 3 in. high, 3 ft. long, Price 1/2 per lineal foot.
1 1/2 " " 3 " 3 " " " 2 " " "

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

OUR NEW "E" FENCE.**STRONG DIVISION FENCE.**

2 1/2 inch mesh, 3 ft. 6 in. high, 8 ft. long, Price 20 per lineal foot.
 1 1/2 " 3 " 6 " 8 " " 3 " " "

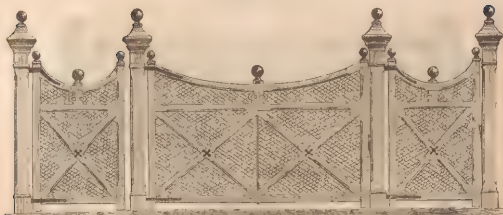
OUR NEW "F" FENCE.**LAWN OR GARDEN FENCE**

We supply the above with Turned Wood Posts, 3 in. by 3 in., 6 ft. 3 in. long, 1 1/2 in. Wrought Iron Top, 1/2 in. sides and bottom rod in one piece. **NOTE**—Prices quoted for any Special Sizes of above.

2 1/2 inch mesh, 3 ft. 6 in. high, 8 ft. long, Price 35 per lineal foot.
 1 1/2 " 3 " 6 " 8 " " 35 " " "

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.

LODGE GATE.



The above Gates are made of our $1\frac{1}{2}$ mesh material mounted in wood, and we can supply

Entrance Gates 9ft. 6in. wide x 5ft. 6in. high	...	...	...	£11 10s. 0d.
Side Gate 4ft. 6in. wide x 5ft. 6in. high	...	...	...	£7 7s. 6d.

We also supply the red gum posts, for attaching the Gates to, at a very reasonable cost.

GARDEN GATES.

MOUNTED IN WOOD.

2ft. 9in. wide x 3ft. 9in. high, $2\frac{1}{2}$ mesh	...	...	22 -
3ft. 0in. wide x 3ft. 9in. high, $2\frac{1}{2}$ mesh	...	...	24 -
2ft. 9in. wide x 3ft. 9in. high, $1\frac{1}{2}$ mesh	...	...	23 -
3ft. 0in. wide x 3ft. 9in. high, $1\frac{1}{2}$ mesh	...	...	25 -

With Iron Scroll, **14/-** extra.

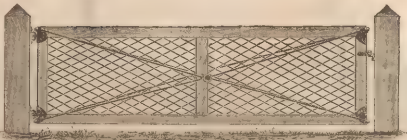
MOUNTED IN IRON,

INCLUDING SCROLL.

2ft. 9in. wide x 3ft. 9in. high, $2\frac{1}{2}$ mesh	...	...	37/6
3ft. 0in. wide x 3ft. 9in. high, $2\frac{1}{2}$ mesh	...	...	40/-
2ft. 9in. wide x 3ft. 9in. high, $1\frac{1}{2}$ mesh	...	...	40 -
3ft. 0in. wide x 3ft. 9in. high, $1\frac{1}{2}$ mesh	...	...	42/6

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

FARM GATES.



HOMESTEAD GATES.



SWING GATES.

No inventor or adaptor could confer a greater boon on mankind, in general, than he who originates a perfect gate. No grade of humanity, or even sex, is exempt from feeling recollections of personal experience with heavy, dragging gates, which wrenched the shoulder at the outset and smashed the toes at the termination of each encounter. In how many thousands of instances, daily, do tired farmers and farmers' wives let down bars or heavy rails as a preliminary to passing in or out of an enclosure?

It is our firm purpose to revolutionise this whole matter. We make a standard gate, so light and yet so strong, that by no reasonable probability can it drag or break.

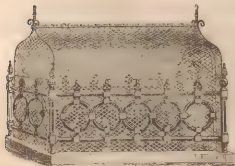
It is our intention to sell them so low that no one can afford to make a gate at home, and to offer such inducements as will compel every local dealer to keep them in stock. As to yard and cemetery gates, the greater includes the less.

A sample order will be an ample test of appearance, utility, and economy.

We shall be pleased to give prices for Gates of any design or pattern.

We invite the fullest investigation into the merits of our Manufactures and will be pleased to mail Samples upon application.

ARCHES FOR PROTECTING GRAVES.



The engravings which we give upon this page is what we call a "Grave Protector," or more properly speaking, should be called a *Flower Protector*, to cover in *Graves*. By the drawing it can at once be seen that our make of "Grave Protector" is a very light but at the same time strong and safe enclosure, and in addition the use of one over a Grave has a very attractive appearance. The manufacture of the "Protectors" was forced upon us by the repeated complaints made by people that all the tools used in cultivating the garden on the grave had to be brought backwards and forwards every time or else the articles would be stolen. Of course it may be said that it is only the meanest of thieves that would rob a grave, we agree with that view, and are now manufacturing our *Grave Protectors* to defeat the intention or design of the sneak thief. The adoption of our protector successfully prevents children and others from pilfering or tampering with the flowers or other tokens in respect that may be placed upon the grave. All varieties of creepers may be trained to climb over the protector, and thus shade any delicate flowers or shrubs that cannot stand the rays of a summer sun.

We can supply our Grave Protector in our 14 mesh, framed in strong iron. Price, **£4 10s.**

The bottom block on this page shows one of our 'Grave Protectors' used independently of the ordinary expensive iron railing and shows the great advantage over all other enclosures.

We invite the roughest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

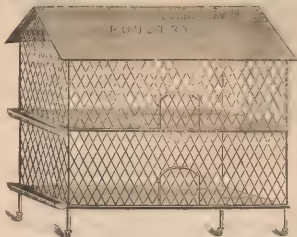
TO POULTRY BREEDERS.



We offer you a material which will justify a belief that in its use one-half of the risks and annoyances of the business will be done away with. A professional eye will suggest, without aid, the various uses to which it may be put, so, without enlarging on that feature, we simply call attention to the qualities which insure health to the brood and flock; the immunity from insects; safety from

depredations of dogs, rats, foxes, and other animals, to say nothing of night marauders in the shape of unprincipled men. The obvious safety from danger of fire and decay, and the facility for tasteful concealment of coops, &c. which in summer time provides a shade for the fowls, is a consideration. We suggest that a wire netting, besides the fences, screens, nests, &c., the only material that will stand the test of time and weather.

A great feature in our material for poultry houses, &c., is that it cannot be bitten through by vermin (as in ordinary netting) the material being so tough and strong.



2½ Mesh in Panels 6 in. long x 41 in. wide 3s. 6d. 1 Mesh in Panels 6 in. long x 41 in. wide 4s. 6d.
Or Painted Green, 6d. Extra per Panel, or Galvanised, 1s 6d. per Panel Extra.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

TO POULTRY BREEDERS.



In the above engraving we show a fowl house with yards attached enclosed with our Expanded Metal, and to one with a practical eye its great advantages over other material will at once be seen. Amongst the various poultry breeders' yards we have supplied with our Metal we would mention the one of Mr. W. T. Wright's, Abberfeldie, Essendon, and also that of Mr. J. Watson, Bendigo.

In Panels $2\frac{1}{2}$ mesh 8 ft. x 41 in. wide 36 per panel. In Panels $1\frac{1}{2}$ mesh 8 ft. x 41 in. wide 46 per panel.
Painted Green, 6d. extra per panel, or Galvanised, 1/8 per panel Extra.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

Expanded Metal
 Lathing and Fencing
 may be had from all
 Ironmongers in
 all the Principal
 Towns of the
 Australasian
 Colonies.



The above illustration shows the beautifying effect the use of **Expanded Metal Fencing and Trellising** has in a **Garden** when used for **Division Fencing, Lawn Bordering, Tree Guards, etc.**

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

GARDEN REQUISITES.

THE
EXPANDED
Metal

CANNOT BE
Surpassed

FOR
NEATNESS,
STRENGTH,
DURABILITY,

AND
CHEAPNESS

We Respectfully

INVITE
INSPECTION
OF OUR

MANUFACTURED
Samples

WHICH MAY BE
SEEN UPON
APPLICATION AT

ALL
IRONMONGERS

AND
STOREKEEPERS
IN THIS AND THE
ADJACENT
COLONIES



The illustration shows a garden showing a summer-house, fencing, trellises, lawn borders, bed arch trainers, fan flower trainers, tree guards, &c. all made from our Expanded Metal.

The following pages of our pamphlet will treat with each article singly, giving sizes, prices, &c.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased mail Samples upon application.

ARCH TRELLISES.

CURVED SPIRAL TOP.

CIRCULAR TOP.



No.	Width of Path.	Height.	Depth	1/2 Mesh.	3/4 Mesh.
No. 1	3 0	7 6	3 0	48/6	47 -
No. 2	3 0	7 6	1 8	40/-	37/6
No. 3	3 6	8 0	3 6	52/-	49/6
No. 4	4 6	8 0	3 6	56/-	52/6
No. 5	4 6	8 0	3 6	67/6	55 -

No.	Width of Path.	Height.	Depth	1/2 Mesh.	3/4 Mesh.
No. 1	1 0	7 0	3 6	44/6	42/-
No. 2	3 0	7 6	1 8	36 -	32/6
No. 3	3 6	8 0	3 6	47 -	44/6
No. 4	4 6	8 0	3 6	49/6	47/-
No. 5	4 6	8 0	3 6	52/-	49/6

Trellises made as above may be had from all the leading Ironmongers in Melbourne, Sydney, and Brisbane. A intending customer have to do is to instruct their ironmonger to forward them one, first giving the number of size required. We having various kinds of Trellises always on hand, your ironmonger has only to write us when we shall be pleased to forward immediately.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

ARCH TRELLISES.

CURVED SPIRAL TOP, EXTRA FINISH



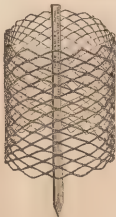
No.	Width Path.	Height.	Depth.	11 Mesh.	21 Mesh.
No. 6	3 6	8 0	3 6	£6 6 0	£6 0 0

Our Trellises are strong and neat, do not decay like wood, and do not harbor insects.

Do not absorb the rain and moisture, this always being free from dampness.

FLOWER GUARDS.

IN ALL SIZES AND MESHES.



This is an illustration of our Flower Guard that will be found very useful in supporting weak plants, thus preventing them from straggling all over the beds.

No.	Mesh.	Each.
No. 1, 2in., 15 x 11	...	1 6
No. 2, 2in., 10 x 8	...	1/-
No. 1, 1in., 15 x 11	...	1 9
No. 2, 1in., 10 x 8	...	1 8

We can also supply the Flower Guards galvanised at a small additional cost.

OUR NEW BORDER FOR LAWN AND FLOWER BEDS.

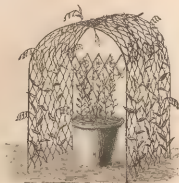


We also supply this very pretty Lawn and Flower Bed Bordering in either meshes already painted.

2 1/2, per lineal foot	...	1/-
1 1/2, per lineal foot	...	1 3

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.

FAN FLOWER TRAINERS. ARCH TRELLIS FLOWER TRAINERS.

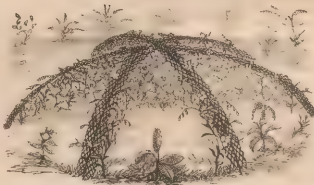


Price, 4/6 Each.

For any kind of creeping Flowering Plant.

The above are made in all sizes.
Price, from 3/6 a dozen upwards.

FLOWER BED ARCHES FOR CREEPERS.



We sell the above which is a set of three Price, 5/-

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.



IRON GUARD.

No. 1.

This is an illustration of one of our large make of **Round Tree Guards**. It is made from two of our expanded metal sheets bent, then fastened to red gum posts with staples. We strengthen the body of this make of guard by means of light iron bands as shown in cut.

We also make and have on hand tree guards in any shape.

No. 1, 7 ft. high by 26 in diameter,

166

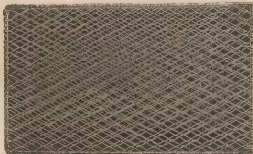


TREE GUARD, No. 2.

This is an illustration of a Tree Guard similar to that with which we supply to the City Council. A great many are now in use, and may be seen on the Flemington Road and in the Avenue, Royal Park. It makes a very strong guard and at the same time it has a light appearance.

No. 2, 7 ft. high, 14 in. diameter, painted, **78**.

DOORMAT.



No 1, 36 in. x 24 in., **11 -**

No 2, 26 in. x 19 in., **9 -**

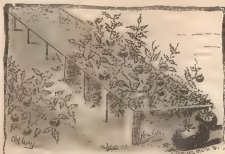
We invite the furthest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

FOR GRAPES, TOMATOES, HOPS, &c.



Some care has been taken to investigate, from an economic standpoint, the benefit to certain crops dependent on conditions, when maturing, which insure freedom from dampness, dirt, and sand, if such objects may be effectually secured at such a low cost as to make the move practicable.

Much surprise would be felt if the magnitude of the losses sustained by reason of the causes stated were known. Mildew and decay from lack of sunlight and air is a feature of every vineyard and garden in the land. We ask the careful investigation of growers to our plan of doing away with such losses. It contemplates raising the vine or bush from the ground, and spreading it out so the sun and air may penetrate to fruit and leaf. Earlier maturity will in many cases give command of higher market prices, equivalent to a full compensation for the expense entailed, aside from the improvement in condition and quality. The object may be attained by use of sheets of Expanded Metal, horizontally or vertically, according to circumstances, or by hollow columns placed in convenient positions near the vine, so that the main stem, reaching the top through the centre, may throw out leaves and fruit laterally.

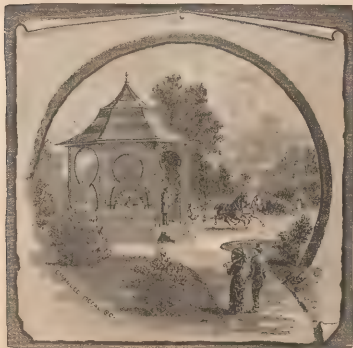


One great advantage gained by growing Tomatoes by this method is that the fruit is always CLEAN and free from BRUISES, and in addition it can be GATHERED much more QUICKLY.



The above frames are made either with our $2\frac{1}{2}$ or $1\frac{1}{2}$ mesh, and the cost of our material is only 5d. per running foot for our $2\frac{1}{2}$ mesh, and 7d. for our $1\frac{1}{2}$ mesh, 41 in. high.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.



PUBLIC PARKS.

We have received our first contracts, and in the hours, thanks to the Parks and Gardens' Committee of Melbourne and the Municipalities, in seeing them in overcoming numerous obstacles and settling many difficulties. This task is the control and restraint of large and sometimes unruly crowds by barriers not more effective in beauty and gracefulness. When protecting grass and flowers the fact must not become inhospitably apparent. Human Nature is impatient of control, and the effort so to do involves tact and delicate management.

The Expanded Metal, with its lace-like appearance, has, in practice, been found to so attract the attention and admiration of the visitor that the desire to intrude beyond it is forgotten. For grass borders and guards to cages, fountains, lakes, and flower beds, it protects without a single offensive feature. The depredations of moles and other burrowing animals, may be stopped by surrounding the space with barred netting placed edgewise in a trench.

Our 2½ Mesh material may be seen on the fence guarding the Northern bank of the Yarra near Princes Bridge. This was erected by the City Council, as being the only material suitable for a job that required lightness in appearance, combined with durability and strength.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

EXPANDED
METAL
IS
NEAT
STRONG
AND
DURABLE.



AVIARIES.

Ladies who delight in listening to the strains of the feathered songsters may secure the music under more natural conditions, and, perhaps, better tone, by exchanging the comparative freedom of a large aviary for the prison-like restriction of a cage. With a few hundred feet of **Expanded Metal**, and suitable timbers for frame, any carpenter can, at a small expense, construct an aviary capable of being so partitioned that several varieties of birds may be kept perfectly safe, and under all the favourable conditions of out-door existence. The floor may be sodded, and small trees or shrubs planted, so as to make the surroundings as natural as possible. A communicating door may give access directly from the house, if contiguously located, so that the trouble of giving feed and water will be reduced.

We can supply, at 1/2-in. mesh, the smaller varieties of birds, in panels 9 feet long x 24 inches wide, at 3s. 6d. per panel, and our 1" mesh, 8 feet x 51 inches, at 4s. 6d. per panel; or, if desired, the above may be **bronzed** or **galvanized** at a very small additional cost.

We are now in a position and will be pleased to give prices upon applicants furnishing particulars as to the dimensions of the building required.

We invite the fullest investigation into the merits of our Manufactures and will be pleased to mail samples upon application.



The above illustration shows an ordinary looking cottage, but improved in value, and beautified by the use of our Expanded Metal, Arch Trellises, Fan Flower Trainers, Arch Trellis Trainers, and Lawn Borderings, prices for which are given in the preceding pages.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.



The above illustration at once gives the manner in which homesteads and farms may be fenced off and improved.

We can supply the panels, and any handy man can staple them to the posts and top rails, and the occupier has at once a good, strong, but yet cheap fence.

2¹/₂ mesh in panels 6 feet long x 41 in. wide 3s. 6d. | 1¹/₂ mesh in panels 9 feet long x 41 in. wide 4s. 6d.

For full size mesh of the above materials see pages 23 and 24.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

WINDOW PROTECTIONS.



No. 1



No. 2



No. 3

We can supply the above mounted in

$\frac{1}{8}$ in. rd. iron, with $1\frac{1}{2}$ or $\frac{3}{4}$ mesh, at 1- per square foot.

" " " $1\frac{1}{2}$ or $\frac{3}{4}$ " " $1\frac{1}{2}$ " "

We have supplied window guards as in the above illustrations to many of the buildings in Melbourne and elsewhere, and in every instance they have given satisfaction. In fact, as one practical man remarked: "They save the cost of bandages in 12 months."

We may mention that window guards made to the above patterns may be seen at Messrs. Jacob Hatt and Co., Cigar Manufacturers, Queen Street.

DAMP BASEMENTS AND CELLARS.

There is probably no more prolific cause of disease in households than a damp basement, which is, in fact, a breeding ground for most of the malignant complaints, and by reason of its location immediately under the living rooms, is apt soon to pour its malarious atmosphere as rapidly as created directly where the effect will be most disastrous. Were it possible to see with the naked eye the countless millions of animate crawling up through every opening and crevice, the sight would be horrifying indeed. To this cause may be traced most of the apparently mysterious cases of diphtheria, scarlet and typhoid fevers. An underventilated basement is necessarily a damp one. To secure ventilation, and at the same time protection from intrusion and breakage from glass, we provide substantial steel nettings, in strong frames, for the windows at a very reasonable cost. The prevention of decay in the timbers of the house, and effect of dampness to the carpets and furniture, are considerations not unimportant.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.



We can supply the above SKYLIGHT GUARDS in—

1. Round Iron with $1\frac{1}{2}$ or $\frac{1}{2}$ Mesh at 1s. per Sq. ft. 2. Round Iron with $1\frac{1}{2}$ or $\frac{1}{2}$ Mesh at 1s. 3d. per Sq. ft.

BURGLARS AND TRAMPS.

The use of metallic netting for window guards is at present confined to the large cities, and in them to a limited number of houses, this is a reason of the great cost of hand-made wire goods, which heretofore have enjoyed a monopoly. We propose to set forth the benefit, that every house-owner will see it to his advantage to protect his premises, whether it be situated in a city, town, or on an isolated farm. There is no habitation but at times is left more or less unprotected, and the defenceless inmates subject to intrusion of burglars or tramps on mischief bent. A window frame covered with our steel netting is practically burglar proof, because the difficulty of getting through it is greater than the probable reward. It is ornamental, does not obstruct the light, and permits windows to be left hoisted in warm weather, night or day with free ventilation.

The presence of the guard prevents the possibility of breaking of glass and consequent renewals, the annoyance of which is greater than even the often serious expense. The feeling of perfect safety certainly is ample compensation for the slight cost of the work.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.



ELEVATOR SHAFTS

It has been supposed, in the past, that a proper preparation for an elevator necessitated the construction of a shaft in which the cage might pass up and down. This is objectionable, because of the difficulty of securing ventilation, its darkness, and the facility and rapidity with which conflagrations are spread. In more modern structures, a new plan has been adopted, obviating all of the objectionable features of the old. The cages are arranged to ascend through openings in the halls or rooms, and safety is secured by substantial metallic screens, creating an open shaft which diffuses the flames, instead of confining them to do more effective damage. No gas is necessary, and immunity from the stifling atmosphere of a close shaft obtained.

We have supplied a great quantity of our $1\frac{1}{4}$ mesh for elevator shafts.

We have supplied nearly all the principal buildings in Melbourne with our $1\frac{1}{4}$ or $\frac{1}{2}$ in. mesh for the above object. Architects and Contractors may see our material any day, at Lombard Buildings, Ladstone Chambers, and the Colonial Bank Hotel, giving its silent testimony of its great strength and superiority over all other so called mesh work.

$1\frac{1}{4}$ Mesh, in Panels 8 ft. long x 41 in. wide 4s. 6d. | $\frac{1}{2}$ Mesh, in Panels 8 ft. long x 41 in. wide 3s. 6d.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.



DIVISION OF TENEMENTS.

In many instances, landlords owning store property could, by dividing to accommodate the purposes of two or more tenants, realise a rental considerably in excess of present enjoyment. Sometimes, by agreement a joint occupation of two interests may be secured without any partition, but at seeming disadvantage to both. Aside from the lack of privacy, dishonest proprietors or employees might, in the absence of the other tenant, deplete on his stock.

We illustrate a plan by which a store may be divided by movable metal partitions, which, while giving to each the sole control of the portion he rents, does not obstruct the light or air, nor mar the appearance. By a system of gates, with suitable locks, the whole premises could be practically one during business hours, and separate at night.

In this manner, for instance, a grocery store, meat market, and vegetable stand could mutually benefit, without being inconvenienced by the contiguity.

The above divisions are made in our $1\frac{1}{2}$ mesh, which we can supply in panels 8 ft. long x 41 in. wide for 4s. 6d. per panel.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail samples upon application.



SUMMER DOORS.

The name is not a correct one in the usual sense, because they are not doors, but fixed obstructions, temporarily to replace doors, which, for a period, have a rest from usefulness.

We make **Screens** with heavy steel frames of a size to fit the openings, where they are substantially attached and allowed to remain, until the return of a cooler atmosphere renders necessary the use of something less open. The object is to secure the benefit of cooling breezes without exposing the premises to surreptitious invasion. In **stores** and **banks** their use relieves from the necessity of watching rear openings. In **factories**, while securing all the benefit of ventilation, **maddlesome strangers** are kept out, and **employees** prevented from taking temporary unauthorised vacations. In **stables**, the stock is in safety from thieves, and can enjoy the recuperative effects of the cooler night atmosphere.

The stalls and screens depicted above are made in our $1\frac{1}{2}$ material, which we can supply in panels 8 feet long by 41 inches wide, at 4s. 6d. per panel.

We invite the fullest investigation into the merits of our Manufactures, and will be pleased to mail Samples upon application.

THE
Australasian Asbestos Manufacturing Co.
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